From:	UMN <datravis@umn.edu>
To:	William B. Karesh <karesh@ecohealthalliance.org>
CC:	Jonna Mazet <jkmazet@ucdavis.edu>;Tracey Goldstein <tgoldstein@ucdavis.edu>;Shaun Kennedy <skennedy@foodsysteminstitute.com>;Amy Kricher <akircher@umn.edu>;Kristine Smith <ksmith@ecohealthalliance.org>
Sent:	7/20/2017 8:23:40 AM
Subject:	Re: DHS proposal update: wildlife trade risk assessmet

Ok Billy, sounds good. For perspective, the second one is basically our discussion the other week about moving forward the exposure assessment methodology.

That way in total we would have a good idea about the entry and exposure assessments, while the diagnostics would help a lot with consequences in terms of the risk assessment model.

If we don't try to fill the gaps we identified, we are stuck just saying that a lot is coming, but no idea about the ' so what' factor.

I'll leave the rest to Kristine and work on the concept to share that will hopefully be easier to digest than an email.

Thx

Dom

Sent from mobile phone

On Jul 20, 2017, at 1:01 AM, William B. Karesh <karesh@ecohealthalliance.org> wrote:

Hi Dom,

I get the first one where UCD is going to take up the work we used to do with CDC funds, but I'm a little less clear on the other part. Let me discuss with Kris when I get back to NY and get more insight from her.

Also, did you discuss USDA's previous refusal to allow any testing for FAD's in our port sampling efforts? This might affect the project design for UCD.

BK

Sent from my iPhone

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EcoHealth Alliance leads cutting-edge research into the critical connections between human and wildlife health and delicate ecosystems. With this science we develop solutions that promote conservation and prevent pandemics.

On Jul 19, 2017, at 7:01 AM, Dominic Travis <datravis@umn.edu> wrote:

All,

This email is to connect several conversations. You all know that UMN Food Protection and Defense Institute (Amy Kircher lead) is leading the submission of a proposal for the "DHS Center of Excellence -- Cross Border Threats and Supply Chain Defense" call. This will be a suite of 6 or so projects, each at ~200K/year for 2 years. Amy believes that we have the opportunity to build upon our domestic WL trade risk analysis platform previously funded through a similar mechanism and design phase II as a part of this grant, thus continuing toward a full import risk assessment model.

After several versions of how we may fit into the bigger plan, Amy asks that we develop two complementary proposals that fill the most important gaps in our previous assessment - diagnostic data collection and exposure assessment post port of entry. Tracey, Kristine and I met today to think about this and propose the following collaboration between UCD, EHA, FSI and UMN.

Project 1 - Tracey and UCD have offered to lead a focused pilot on diagnostic surveillance that builds upon the previous findings of Smith et al., and is informed by our recent work. We propose to focus on LIVE animals (followed by more fresh, drippy bushmeat) and screen for RNA viruses in ~ two ports TBD (as well as other details pending stakeholder feedback). Objective 1 would be a stakeholder engagement exercise to further define this scope more specifically. We believe this is different from (or builds upon) previous work for two reasons: first, the focus on LIVE animals and RNA viruses, and second, it would be guided by - and contribute to - the overall risk-based framework which we started a few years ago and so is a step in developing an overall import risk assessment model.

Project 2 - two ideas so far. 1) develop a tracking system for those sampled animals in project one and follow them longitudinally to better characterize exposure. 2) continue work on our previous projects to estimate exposure via other data sets and approaches (there are several ideas buried in this objective that will need to be fleshed out depending upon the pathway we choose - we did exotic ruminants, fish and camels). This would be kind of a direct (1) and indirect (2) approach to estimating exposure risk.

The thought is that the whole team would be named on both, but the first would basically be diagnostic cost focused to maximize the money available, including Tracey and technical staff. The rest of us would be no cost personnel but named on the proposal. The second would basically include the pathway analysis starting with the ports of interest, sample collection and following through exposure mapping. Again, all players would be included, but the people costs for the rest of us would be in this proposal.

Amy believes that this project has a good chance of being scaled up quickly by DHS if successful, so Im listing the full team below realizing that we will need to address budget and people realities in the beginning. First thoughts:

UMN (aside from Kircher who is overall lead and involved in these projects)
Travis - coordinator
Singer - lead, risk assessment modeling team
Tiffany Wolf - analyst

PD/VPH residents - worker bees

UCD
Goldstein - Lead - diagnostic grant
Lab personnel
Mazet advisory and modeling team

EHA
Kristine Smith - Lead port surveillance protocols
Allison White - LEMIS database manager for Entry assessment
Karesh - Advisory and EHA lead

FSI
Kennedy - lead, exposure pathway analysis

Basically, this is our previous team with added collaboration with UCD, which obviously makes us stronger in several ways. If we agree on the above concept, we have one week to get two concept notes to Amy so they can create the overall portfolio story at the Center with their team. We develop full proposals if/when asked to do so after first round review. Right now, Kristine, Tracey, Shaun and I are committed to developing draft concepts this week based upon above.

Tracey, Kristine and Amy, please correct any mis perceptions I have from today's discussions.

Please let us know any thoughts/reservations/reactions. Otherwise, we will move forward with this concept at the core.

Thanks
Dom

PS - One more thought. Many of us would like to push our aquatic pathway forward but that is unlikely to be a priority for this group. However, our aquatic lead, Alex Primus and I are meeting with USDA Thursday to discuss their interest in our Tilapia results from the previous work, so we could potentially build a parallel aquatics project with USDA money if we are lucky.

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